



YVES HAGEDORN, PH.D.
Managing Director, Aconity3D

Yves Hagedorn has served as managing director of Aconity3D since 2015. The company, based in Herzogenrath, Germany, is an emerging leader in the field of laser-based metal additive manufacturing. Before joining Aconity3D, Hagedorn worked at the Fraunhofer Institute for Laser Technology from 2009 to 2014, focusing on high-temperature selective laser melting while finalizing his doctorate. Hagedorn finished his studies in mechanical engineering, business administration and automation at Rheinisch-Westfälische Technische Hochschule Aachen (RWTH-Aachen) in Aachen, Germany, and Institut National des Sciences Appliquées de Lyon (INSA Lyon) in Lyon-Villeurbanne, France.



FLORIAN SONDERMANN
Managing Director, AconityUS

Florian Sondermann was installed as managing director of Aconity3D's North American base of operations in July 2018. The company established its second home at The University of Texas at El Paso under an agreement between the two organizations. Aconity3D was drawn to UTEP because of the prominence, expertise and facilities offered by the W.M. Keck Center for 3D Innovation. Sondermann will lead AconityUS's effort to enhance its production and service operations in North America while creating high-end jobs and research opportunities for students in the community. Sondermann has been with Aconity3D since October 2015. Most recently, he served as a software developer from November 2017 until his move to El Paso. Sondermann received his bachelor's and master's degrees from Rheinisch-Westfälische Technische Hochschule Aachen (RWTH-Aachen) in Aachen, Germany.



RALPH RESNICK
President and Executive Director, National Center for Defense Manufacturing and Machining
Founding Director, America Makes - the National Additive Manufacturing Innovation Institute

Ralph Resnick has led the National Center for Defense Manufacturing and Machining as president and executive director since May 2011. He joined NCDMM in September 2008 as vice president, chief technology officer and director of corporate development with more than 35 years of manufacturing experience. In 2012, he led NCDMM to win the competitive National Additive Manufacturing Innovation Institute America Makes contract. He assumed the role of acting director of the institute until February 2013. Before joining NCDMM, Resnick served as chief technology officer for The ExOne Company and Extrude Hone Corporation. He holds several patents in manufacturing processes and metrology. Resnick serves on numerous boards and is currently a fellow of the Society for Mining, Metallurgy and Exploration (SME) and one of SME's international directors.



RYAN WICKER, PH.D., P.E.
Director and Founder, W.M. Keck Center for 3D Innovation
Professor, Department of Mechanical Engineering

Ryan Wicker is a fourth-generation El Pasoan and the endowed Mr. and Mrs. MacIntosh Murchison Chair I professor of mechanical engineering at The University of Texas at El Paso. He is also director and founder of the W.M. Keck Center for 3D Innovation. In addition, he is editor-in-chief and founding editor of Additive Manufacturing, an Elsevier journal. Wicker received degrees in mechanical engineering from The University of Texas at Austin (B.S., 1987) and Stanford University (M.S., 1991, Ph.D., 1995). He worked at General Dynamics Fort Worth Division (1987-1989) and has spent his entire academic career at UTEP (1994-present). He has co-founded two University spin-out companies, holds 12 U.S. patents with numerous patents pending, and has employed hundreds of student researchers in UTEP's Keck Center, with many of them becoming leaders in the additive manufacturing industry.